

(19) World Intellectual Property
Organization
International Bureau



531,922
19 APR 2005

(43) International Publication Date
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number
WO 2004/051237 A1

(51) International Patent Classification⁷: **G01N 15/02**

(21) International Application Number:
PCT/US2003/037668

(22) International Filing Date:
20 November 2003 (20.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/419,530 27 November 2002 (27.11.2002) US

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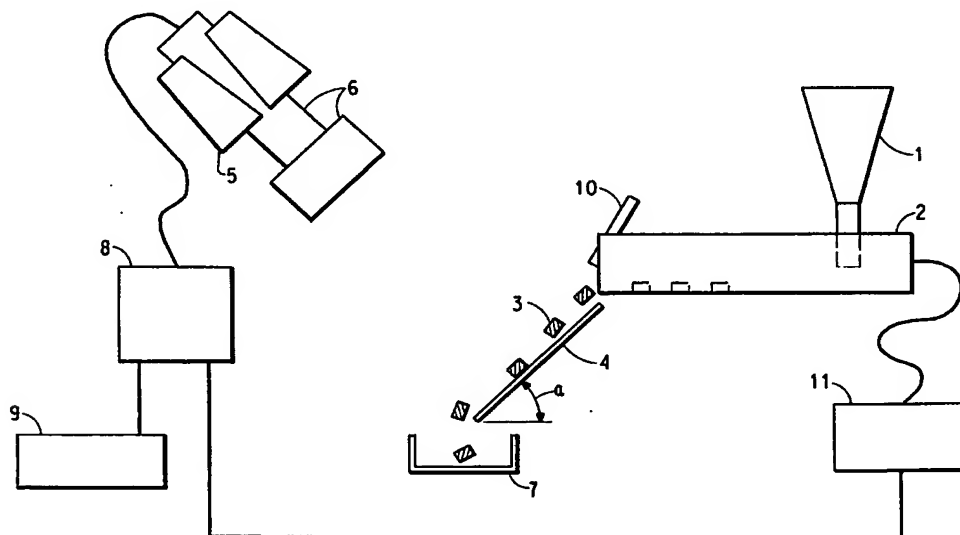
(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MEASURING AMOUNTS OF NON-COHESIVE PARTICLES IN A MIXTURE



(57) Abstract: This invention relates to a method and apparatus for dynamically measuring relative amounts of particles having differing optical properties and/or shapes in a mixture, comprising an inclined path down which the particles travel, a feeder to present particles to the inclined path, a source of illumination to illuminate the particles on the inclined path, an image receiver to record reflective-light images of the particles and a composition calculator to determine the relative amounts of the particles based on the reflective-light images.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/37668

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N B07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 475 121 A (BUEHLER AG) 18 March 1992 (1992-03-18) figure 8A	1-23
Y	US 5 917 927 A (SATAKE SATORU ET AL) 29 June 1999 (1999-06-29) column 3, line 25 -column 17, line 13; figures 1,4,5	1-20,22, 23
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 May 2004

Date of mailing of the international search report

11/05/2004

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INTERNATIONAL SEARCH REPORT

Int. Application No.

PC1/05 03/37668

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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